

WHAT IS CLAIMED IS:

1. A glove or condom former comprising $M_{n+1}AX_n$,
wherein M is a transition metal selected from
scandium, titanium, vanadium, chromium, zirconium, niobium,
5 hafnium, and tantalum, or a mixture thereof;
wherein A is an element selected from aluminium,
silicon, gallium, germanium, tin, lead and indium, or a
mixture thereof;
wherein X is carbon or nitrogen; and
10 n is 1, 2 or 3.
2. The glove or condom former of claim 1 where M is
titanium, A is selected from silicon, germanium or
aluminium, X is carbon and n is 2.
3. A method for producing a latex or synthetic
15 polymer glove or condom comprising:
 - (a) dipping the glove or condom former of claim 1 in
a liquid latex or synthetic polymer bath;
 - (b) allowing the latex or synthetic polymer coating
to dry on the former; and
 - 20 (c) releasing the formed latex or synthetic polymer
glove or condom from the former.